

11-15

Urban District Council of
Fareham.

ANNUAL REPORT

—OF THE—

MEDICAL OFFICER OF HEALTH,

For the Year ending December 31st, 1914.

FAREHAM :
SUTTON & SONS, PRINTERS, WEST STREET.

Urban District Council of Fareham.

Annual Report of the Medical Officer of Health,

For the Year ending 31st December, 1914.

Physical Features and Occupation of Inhabitants.

The district comprises about 6376 acres. It is of a flat nature, the Northern part being situated on rising ground; the South, East and Western part being flat. The soil is comprised of gravel and clay, but is somewhat chalky in the North-Eastern part.

The inhabitants are engaged in the ordinary industrial trades usually to be found in towns. The manufacture of tiles, bricks and pottery is largely carried on in the district.

Vital Statistics.

The population of the District according to the census of 1911, including the Institutions situated therein, was 9663. The Institutions themselves (the County Asylum and Workhouse) had a population of 1519, leaving a nett population of 8144. I estimate the nett population for the year 1914 to be 8400.

Births.—The births registered during the year were 216. From these must be subtracted two which were transferred births, making a nett total of 214. This is equal to a birth rate of 25.7 per thousand. For the previous year the rate was equal to 22.6 per thousand.

Deaths.—During the year the deaths of 234 persons of all ages and from all causes were registered in the district. This is equal to a death rate of 23.5 per thousand. The nett deaths belonging to the district numbered 121; this is equal to a death rate of 14.4 per thousand. There were registered in the district 117 deaths of non-residents; these occurred chiefly in the Institutions (Asylum and Workhouse.) The total deaths of infants under one year of age numbered 15. For last year the number was six. There were five cases due to premature birth. Of the 121 deaths belonging to the district, 59 were of the age of 65 and upwards. The total deaths which occurred in the Institutions in the district numbered 114. Two deaths were due to violence, not including suicide, of which latter there was also two. The excess of births over deaths was 95.

Mortality from certain Diseases.—Inflammatory diseases of the respiratory organs, such as bronchitis, pneumonia, and pleurisy, caused 14 deaths. From pulmonary tuberculosis or consumption, there were 9 deaths; and from other forms of tuberculosis there were 3 deaths. From malignant disease or cancer there were 16 deaths, 6 of which occurred at the ages of 65 and upwards. No deaths were caused by diarrhoea or enteritis.

Infectious Disease.

During the year 42 cases of infectious disease were notified. This is an improvement on last year, when 55 cases were notified. Of the cases notified 15 were scarlet fever, 1 enteric fever, 1 puerperal fever, 6 diphtheria, 16 pulmonary tuberculosis, and 3 other forms of tuberculosis. The above do not include any cases notified from the County Asylum. Where infectious disease occurs all drains are tested; a few defects were found in such drains during the year, which were remedied.

Scarlet Fever.—Fifteen cases were notified, of these four occurred in one house in Deanes Park Road. The cases notified were all of a mild character. One case, a young woman, contracted the disease outside the district and was sent to her home in this district. A second case occurred in the same home, probably infected from the first case.

Enteric Fever.—One case notified, being a boy residing at the Asylum Cottages. This child was spending a holiday at Denmead and was sent home ill.

Diphtheria.—Six cases were notified, being the smallest number since the year 1903, when three cases were notified. In one case a woman was on a visit to the District from London and was taken ill soon after arrival.

Puerperal Fever.—One case was notified, which proved fatal.

Erysipelas.—No cases were notified.

Measles.—No cases of this disease occurred during the year.

Chicken Pox.—Several cases of this disease occurred at Fontley, in March, and it was found necessary to close the School.

Whooping Cough.—This disease was prevalent at Fontley in July, and it was again necessary to close the School.

Water Supply.—The water supply of the District is of very good quality and apparently inexhaustable in quantity. During the year 109,587,000 gallons were pumped; 8,664,000 gallons of this was taken by the Railway Company. The number of houses supplied by the Council's mains is 1878; number supplied by the Gosport Water Works Co., 11; number supplied by wells, 127, including Hants County Asylum and 34 cottages connected therewith. The whole of the town itself is supplied by the Fareham Water Works, the property of the Council, the supply of which is constant. In a few of the outlying parts of the District some of the houses and cottages obtain their supply from wells of varying depths, mostly of 20 feet and over, the quality of which is very fair. The last analysis of the Town's water was found to be very satisfactory both chemically and bacteriologically.

Food.—Milk Supply.—This is on the whole good. The approximate number of cows kept is 405; number of cowsheds, 47; dairies, 20; purveyors of milk and milk shops, 15. The approximate amount of milk exported per week is between 2000 and 3000 gallons. The cowsheds, dairies and milk shops are frequently inspected; they are mostly found to be well kept and in good sanitary condition. During the year 233 inspections were made; eleven defects were found of which eight have been remedied on informal notices being served. The cowsheds are sprayed and limewashed twice a year, or more often if required.

Bakehouses.—These have been regularly inspected and were mostly found to be clean and well kept. There are seven bakehouses in the district. Thirty-three inspections were made and one defect found, which has been remedied. There are no underground bakehouses in the district.

Slaughter Houses.—The slaughter houses in the district, numbering 12, have been carefully inspected; 98 inspections were made during the year. Three defects were found, and remedied on informal notices being served. A beast slaughtered at one of the slaughter houses was found to be in an advanced stage of tuberculosis. The butcher reported the matter and the carcase was taken away and buried. A carcase at the Asylum, and the organs of one at the Dell, Portchester Road, were destroyed under the Tuberculosis Order 1913. Fifty-two inspections have been made at the market held weekly in the town.

Sale of Foods and Drugs Act.

This work is entirely carried out by the Inspector appointed by the County Council.

Pollutions of Rivers and Streams.

No necessity for action from this cause has arisen during the year.

Drainage and Sewerage.

The town is drained by means of sewers with the exception of the outlying villages of Fontley and Catisfield where cesspools and earth closets are in use. The sewers finally empty into settling tanks, the effluent from thence passing into the tide, an arm of Portsmouth Harbour, the sludge being regularly removed and disposed of. The sewers are ventilated and systematically flushed. The cesspools in the outlying districts are emptied by means of an apparatus which is supplied by the Council.

Closet Accommodation.—Number of privies with fixed receptacles, 93; privies with moveable receptacles, including pail closets, 251; fresh water closets, not including Hants County Asylum and cottages in connection therewith, and Forts Fareham and Wallington, 2108; and hand flushed closets, 6. Number of conversions from privies to pail closets during the year, 11.

Scavenging and Removal of Refuse.—This work is undertaken by the Council, and collections are regularly made, a hooded vehicle being employed. The various receptacles in use by the householders are as follows, viz:—fixed ashpits, 80; fixed galvanised iron bins with covers, 8; moveable galvanised iron bins with covers, 1245; other receptacles, old baths, buckets, boxes, etc., 87.

Tuberculosis.

Sixteen cases of pulmonary tuberculosis have been notified during the year. Nine deaths occurred from this disease. Three cases were notified of tuberculosis in other organs. Compulsory notification of all cases is now in force. Persons suffering from tuberculosis are visited at their homes and instructions given as to how to conduct their lives, and how to prevent the spread of infection. All premises are thoroughly disinfected at death or change of residence. There is no hospital or sanatorium for the reception of tuberculosis cases in the district. Persons suffering from tuberculosis, if insured, have the benefit of sanatorium treatment outside the district. Spit flasks, sputum pots, and disinfectants

are provided for each case. Shelters have been provided, where suitable, in order that patients may live an outdoor life as far as possible, and lessen the chance of infection to others.

Schools.—The sanitary condition of the schools in the district is satisfactory. They are all fitted with water closets, with the exception of Fontley, where earth closets are in use. The water supply is good and sufficient. When it is found necessary to close a school for some infectious disease, all class rooms and buildings, including apparatus used by the scholars, are thoroughly disinfected. It was necessary to close the school at Fontley in March and again in July on account of an outbreak of chicken pox and whooping cough respectively.

Housing (Inspection of District) Regulations, 1910.

Under the above regulations 137 houses were inspected during the year: there were also 724 re-inspections.

The chief list of defects found have been as follows, viz.:—

Wells, defective in condition of covers and brickwork	...	...	1
Closets and privies without sufficient light and ventilation	...	...	34
Defective floors and roofs to closets	...	...	22
Defective W.C. pans and pails	...	...	16
Broken joints between flush pipes and W.C. pans	...	...	4
Inefficient W.C.'s owing to flushing cisterns not working and W.C.'s being without cisterns	...	...	6
Old deep privy pits	...	...	19
Defective drains and ventilators	...	...	9
Choked drains	...	...	3
Defective sinks and waste pipes	...	...	19
Premises without drainage	...	...	1
Rooms without sufficient light	...	...	5
Do. do. ventilation	...	...	77
Premises with windows not opening	...	...	39

DAMPNESS:—

Owing to defective roofs and around chimneys	...	...	27
Do. do. walls	...	...	7
Do. do. or insufficient spouting	...	...	24
Do. floors being below the ground level	...	...	12
Do. being without damp courses and having old solid walls	...	...	56
Houses with interior walls and ceilings dirty	...	...	60
Yards with defective paving or without paving	...	...	81
Houses without proper ashpits or bins	...	...	72
Houses with defective floors	...	...	58

OVERCROWDING:—

Two cases were found, and these have been remedied.

Of the 137 houses inspected there were 12 where no defects were found, leaving 125 houses for which notices were necessary. Informal notices have been served in respect of 64 houses inspected previous to the year 1914, and 107 in respect of houses inspected during the present year, making a total of 171 notices. Ninety-two of these have been complied with, whilst in 64 cases some of the works required by the notices have been carried out, or orders given to carry out the works, but the whole have not been completed. One cottage has been pulled down and rebuilt, two are empty, leaving 12 houses in which no repairs have been carried out or action taken by owners.

The houses generally were clean as far as the tenants were concerned, except in a few instances where it was necessary to especially direct the occupier's attention thereto.

One formal notice was served regarding defective yard paving, and this was complied with.

A special inspection and report was made upon the premises, etc., in the Old Turnpike District, the sewer for the drainage of which is indifferently constructed, and reconstruction was recommended.

A report was also made of old privies of the deep type, which it was recommended should be converted to pail closets, and where one privy existed for two houses that an additional closet be provided.

On the outbreak of war the Council resolved to suspend the requiring of repairs, etc., under the Housing Act except with regard to urgent matters.

Bye-Laws.—Building bye-laws are in force. Twenty-seven new houses have been erected during the year.

The usual Tables are appended.

(Signed) H. M. CASE,

Medical Officer of Health.

March, 1915.

TABLE I.

Vital Statistics of Whole District during 1914 and previous years.

Year.	Population estimated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un-corrected Number.	Nett.		Number.	Rate.	of Non-residents register'd in the District.	of Residents not register'd in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.					Number. *	Rate per 1,000 Nett Births.	Number. *	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1909			Figures for		previous	years	not obtainable.					
1910												
1911	7882	180	182	23	215	22.2	107	10	12	65.9	118	14.9
1912	8262	215	220	26.6	242	24.7	128	5	22	100	119	14.4
1913	8351	191	189	22.6	186	18.8	104	5	6	31.7	87	10.4
1914	8400	214	216	25.7	234	23.5	117	4	15	69.4	121	14.4

* In Column 6 are to be included the whole of the deaths registered during the year as having actually occurred within the district.

Area of District in Acres (land and inland water)—6,376.

Total population at all ages—8,144.
 Total families or separate occupiers—1,843. } At Census, 1911.

TABLE II.

Cases of Infectious Disease notified during the Year 1914.

Notifiable Diseases.	Number of Cases Notified.							
	At all Ages.	At Ages—Years.						
		Under 1	1 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.
Small Pox ...	...	...	...	...	...	...	...	...
Cholera—Plague ...	...	...	...	...	...	...	...	...
Diphtheria (including Mem- branous Croup) ...	6	...	1	2	...	3	...	...
Erysipelas ...	...	...	...	...	...	...	...	...
Scarlet Fever ...	15	...	3	9	3	...	...	...
Typhus Fever ...	...	...	...	...	...	...	...	...
Enteric Fever ...	1	...	...	1	...	...	...	...
Relapsing Fever ...	...	...	...	...	...	...	...	...
Continued Fever ...	...	...	...	...	...	...	...	...
Puerperal Fever ...	1	...	...	...	...	1	...	...
Cerebro-spinal Meningitis ...	...	...	...	...	...	...	...	...
Poliomyelitis ...	...	...	...	...	...	...	...	...
Ophthalmia Neonatorum ...	...	...	...	...	...	...	...	...
Pulmonary Tuberculosis ...	16	...	...	1	5	3	6	1
Other forms of Tuberculosis ...	3	1	...	1	1	...	...	...
Totals ...	42	1	4	14	9	7	6	1

Isolation Hospital ... NONE.

TABLE III.

Causes of, and Ages at Death during the Year 1914.

CAUSES OF DEATH.	Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.									Total Deaths whether of "residents" or "non-residents" in Institutions in the District.
	All Ages.	Under 1 year.	1 and under 2 years	2 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards	
I	2	3	4	5	6	7	8	8	10	11
All causes { Certified ...	121	15	3	2	4	2	11	25	59	114
{ Uncertified ...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ...	...	...	...	...	...	...	...	...	...	...
Small Pox ...	...	...	...	...	...	...	...	...	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	...	2
Influenza ...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	...	...	...	...	...	...	...	...	...	...
Phthisis ...	...	...	...	...	...	...	...	...	...	...
(Pulmonary Tuberculosis)...	9	...	...	...	...	1	4	3	1	9
Tuberculous Meningitis ...	2	1	1	...	...	...	...	...	...	...
Other Tuberculous Diseases...	1	...	...	...	...	1	...	...	...	7
Cancer, malignant disease ...	16	...	...	...	...	...	3	7	6	4
Rheumatic Fever ...	...	...	...	...	...	...	...	...	...	...
Meningitis ...	1	...	1	...	...	...	...	...	...	...
Organic Heart Disease ...	18	...	...	...	1	...	1	3	13	23
Bronchitis ...	7	1	...	...	...	...	...	2	4	1
Pneumonia (all forms) ...	5	2	...	...	...	...	...	...	3	8
Other diseases of respiratory organs ...	2	...	...	1	1	...	...	...	...	...
Diarrhœa and Enteritis ...	...	...	...	...	...	...	...	...	...	...
Appendicitis and Typhlitis ...	...	...	...	...	...	...	...	...	...	...
Cirrhosis of Liver ...	1	...	...	...	...	...	...	1	...	...
Alcoholism ...	...	...	...	...	...	...	...	...	...	...
Nephritis and Bright's Disease	6	...	...	...	...	...	1	1	4	12
Puerperal Fever ...	1	...	...	...	...	...	1	...	...	...
Other accidents and diseases of Pregnancy and Parturition	...	...	...	...	...	...	...	...	...	...
Congenital Debility and Malformation, including Premature Birth ..	5	5	...	...	...	...	...	...	...	...
Violent Deaths, excluding Suicide ...	2	1	...	...	...	...	...	1	...	1
Suicide ...	2	...	...	...	...	...	1	1	...	...
Other Defined Diseases ...	20	1	...	1	2	...	...	5	11	38
Diseases ill-defined or unknown ...	23	4	1	...	...	...	...	1	17	9
Totals	121	15	3	2	4	2	11	25	59	114

TABLE IV.

Infant Mortality during year 1914.

Nett Deaths from stated causes at various Ages under One Year of Age.

CAUSES OF DEATH.		Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 1 month.	1-3 months.	3-6 months.	6-9 months.	9-12 months.	Total Deaths under 1 year.
All causes	{ Certified Uncertified.	6	2	...	...	8	1	1	3	2	15
Small Pox...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox	...	...	...	...	...	...	...	...	...	...	...
Measles	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough	...	...	...	...	...	...	...	...	...	...	...
Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...	...
Erysipelas	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis	...	...	...	...	...	...	...	1	...	...	1
Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...
Meningitis (<i>not Tuberculous</i>)	...	...	...	...	...	...	...	...	...	...	...
Convulsions	...	2	...	...	...	2	...	...	...	...	2
Laryngitis	...	...	...	...	...	...	...	...	...	...	...
Bronchitis	...	...	...	...	...	...	...	...	...	1	1
Pneumonia (all forms)	...	...	...	...	...	...	...	...	2	...	2
Diarrhœa	...	...	...	...	...	...	...	...	...	...	...
Enteritis	...	...	...	...	...	...	...	...	...	...	...
Gastritis	...	...	...	...	...	...	...	...	...	...	...
Syphilis	...	...	...	...	...	...	...	...	...	...	...
Rickets	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying	...	...	...	...	...	...	...	...	...	...	...
Injury at birth	...	1	...	...	...	1	...	...	...	...	1
Atelectasis	...	...	...	...	...	...	...	...	...	...	...
Congenital Malformations	...	...	...	...	...	...	...	...	...	...	...
Premature birth	...	2	...	...	...	2	...	...	...	...	2
Atrophy, Debility and Marasmus	...	...	...	...	...	...	1	...	...	1	2
Other causes	...	1	2	...	...	3	...	...	1	...	4
Totals		6	2	...	...	8	1	1	3	2	15

Nett Births in the year { Legitimate, 209
Illegitimate, 7

Nett Deaths in the year of { Legitimate Infants, 14
Illegitimate Infants, 1

TABLE V.

Summary of Sanitary Work done in the Inspector of Nuisances Department during the Year 1914, not including that done under the Housing (Inspection of District), Regulation 1910.

			Number of		Abatement Notices.		Nuisances Abated after Notices by		Nuisance Remaining Unabated.		
			Inspections and Observations made.	Defects found.	Informal by Inspector.	Formal by Authority.	Inspector.	Authority.			
Dwelling-houses and Schools	{	Foul Conditions ...	27	5	5	..	5	...	...
		Structural Defects ...	72	24	24	...	20	...	4		
		Over-crowding ...	9	1	1	...	1	...	...
		Unfit for Habitation ...	...	...	...	...	...	...	...
		Lodging-houses ...	52	7	7	...	6	...	1		
		Dairies and Milkshops ...	41	1	1	...	1	...	...
		Cowsheds ...	192	10	12	...	8	...	2		
		Bakehouses ...	33	1	1	...	1	...	...
		Slaughter-houses ...	88	3	3	...	3	...	...
House Drainage	{	Ashpits and Privies ...	82	40	38	...	38	...	2		
		Deposits of Refuse and Manure ...	54	5	6	...	5	...	...
		Water-closets ...	821	77	85	...	76	...	1		
		Defective Traps ...	..	...	...	...	...	...	...
		No Disconnection ...	..	...	...	...	...	...	...
		Other Faults ...	213	86	110	...	83	...	3		
		Water Supply from wells ...	24	3	3	..	3	...	...
		Pigsties ...	6	...	...	...	...	...	...
		Animals and Poultry improperly kept ...	21	6	5	...	4	...	2		
		Offensive Trades ...	...	...	...	...	...	...	...
		Smoke Nuisances ...	...	...	...	...	...	...	...
		Other Nuisances ...	109	24	23	...	17	...	7		
		Market Inspections ...	52	...	...	...	...	..	...
		Totals ...			1956	293	324	...	271	...	22

Formal Complaints received	...	...	...	...	32
Seizure of Unwholesome Food	...	...	...	...	1
Samples of Water taken for Analysis	...	...	...	...	—
" " Condemned as Unfit for Use	...	...	...	...	—
Special Inspection of Courts	...	...	...	...	26
No. of Water tests of Drains	...	...	...	...	58
" Smoke " "	...	...	...	...	56

Precautions against Infectious Disease.

Lots of Infected Bedding Stoved or Destroyed	...	...	—
Houses Disinfected after Infectious Disease	...	...	41
Rooms Whitewashed ditto	...	...	16
Schools Disinfected ditto	...	...	2
Prosecutions for not Notifying Existence of Infectious Disease	...	...	—
Convictions ditto	ditto	...	—
Prosecutions for Exposure of Infected Persons or Things	...	...	—
Convictions ditto	ditto	...	—

HOUSING & TOWN PLANNING ACT.

Inspection of Houses.

Is there any scarcity of houses, and where ?				No
Number of new houses built in 1914	...	...	...	27
General character	...	...	...	Principally Cottages
Any Town Planning Scheme contemplated	...	...	...	No
Who has been designated as the Inspecting Officer under Article II. of the Housing Regulations, 1910 ?	...	...	...	Walter Butler, Surveyor and Inspector.
Are records submitted to L.A. at each meeting?	...	...	...
Houses Inspected	...	...	...	Books presented each meeting.
				137

Section 17.

Dwelling-houses found unfit for human habitation	} Nil
Representations made	...	...	...
Closing Order made	...	...	...
Houses made habitable without Closing Orders	...	...	...
Houses made habitable as result of Closing Orders	...	...	...
Houses demolished	...	...	...
Houses unfit but still occupied	

Section 15.

Defects reported	} No action.
Defects remedied	...	...	...	...
Notices served	...	...	...	...

REPORT on the administration of the Factory and Workshop Act, 1901, in connection with
Factories, Workshops, Workplaces and Homework.

I.—Inspection of Factories, Workshops and Workplaces,
INCLUDING INSPECTIONS MADE BY SANITARY INSPECTORS OR INSPECTORS OF NUISANCES.

Premises. 1	Number of		
	Inspections. 2	Written Notices. 3	Prosecutions. 4
Factories (including Factory Laundries)	67	9	...
Workshops (including Workshop Laundries)	134	11	...
Workplaces (other than Outworkers' Premises included in Part 3 of this Report) ... ..	...	...	...
Total	201	20	...

2.—Defects found in Factories, Workshops and Workplaces.

Particulars.	Number of Defects.*			Number of Prosecutions.
	Found.	Remedied	Referred to H.M. Inspector.	
I	2	3	4	5
<i>Nuisances under the Public Health Acts :—</i>				
Want of cleanliness	7	5	...	...
Want of ventilation ... ..	...	...	...	...
Overcrowding	1	1	...	...
Want of drainage of floors ... ..	...	...	...	...
Other nuisances	6	6	...	...
Sanitary Accommodation {	insufficient	1	...	...
	unsuitable or defective ... ..	...	...	...
	not separate for sexes ... ..	...	...	...
<i>Offences under the Factory and Workshop Acts :—</i>				
Illegal occupation of underground bakehouse (s. 101) ... ..	...	...	...	...
Breach of special sanitary requirements for bake-houses (ss. 97 to 100)	1	1	...	...
Other offences (excluding offences relating to out-work which are included in Part 3 of this Report) ... ..	...	...	...	...
Total	16	13	...	...

* Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

3.—Home Work.
NONE.

4.—Registered Workshops.

Workshop Bakehouses	6
Miscellaneous small Workshops (Domestic Workshops not included)	43
Total number of Workshops on Register	49

5.—Other Matters.

Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts (s. 5, 1901) {	Notified by H.M. Inspector	3
	Reports (of action taken) sent to H.M. Inspector	2

